



Day : Friday
Date: 5/18/2007

Time: 15:21:17

Inventor Name Search

Enter the **first few letters** of the Inventor's Last Name.
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#4	Search in vitro recombination positive and negative and marker	15:24:23	101
#3	Search in vitro recombination positive and negative	15:23:27	539
#2	Search in vitro recombination positive negative	15:23:13	539
#1	Search in vitro recombination	15:23:00	26434

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Apr 30 2007 04:56:27

Set	Items	Description
--- -----		
? set hi ;set hi		
HIGHLIGHT set on as ''		
HIGHLIGHT set on as ''		
? begin 5,6,55,154,155,156,312,399,biotech,biosci		
>>> 44 is unauthorized		

Set	Items	Description
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? s in (n)	vitro (3n)	recombinat?
Processing		
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Processed	10 of 40 files	...
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Processed	20 of 40 files	...
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Processed	30 of 40 files	...
Completed processing	all files	
	122655385	IN
	6043716	VITRO
	646927	RECOMBINAT?
S1	5609	IN (N) VITRO (3N) RECOMBINAT?
? s s1 and	positive and negative	
	5609	S1
	5461414	POSITIVE
	4423124	NEGATIVE
S2	106	S1 AND POSITIVE AND NEGATIVE
? s s2 and ("not" or delet? or lack? or absen?)	(5n)	(negative or toxic or toxin)
Processing		
Processed	10 of 40 files	...
Processing		
Processed	20 of 40 files	...
Processing		
Completed processing	all files	
	106	S2
	26558335	NOT
	1265157	DELET?
	2464972	LACK?
	3128084	ABSEN?
	4423124	NEGATIVE
	1404849	TOXIC
	986556	TOXIN
	255485	((NOT OR DELET?) OR LACK?) OR ABSEN?) (5N) ((NEGATIVE OR TOXIC) OR TOXIN)
S3	9	S2 AND ("NOT" OR DELET? OR LACK? OR ABSEN?) (5N) (NEGATIVE OR TOXIC OR TOXIN)
? rd s3		

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

S4 2 RD S3 (unique items)

? d s4/9/1-2

Display 4/9/1 (Item 1 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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17441670 BIOSIS NO.: 200300400389

A novel inducible element, activated by contact with Rathke's pouch, is present in the regulatory region of the Rpx/Hesx1 homeobox gene.

AUTHOR: Hermes Edit (Reprint); Williams-Simons Lisa; Mahon Kathleen A

AUTHOR ADDRESS: Department of Biochemistry, Faculty of Science, University of Szeged, H-6701, P.O.Box 533, Szeged, Hungary**Hungary

AUTHOR E-MAIL ADDRESS: hermesz@bio.u-szeged.hu; kmahon@bcm.tmc.edu

JOURNAL: Developmental Biology 260 (1): p68-78 August 1, 2003 2003
MEDIUM: print
ISSN: 0012-1606 (ISSN print)
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

ABSTRACT: Reciprocal inductive interactions are postulated to play a role in the determination and differentiation of the pituitary gland and the

-more-

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Display 4/9/1 (Item 1 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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ventral hypothalamus. The homeobox gene *Rpx/Hesx1* is expressed during gastrulation in the anterior endoderm, prechordal plate, and the prospective cephalic neural plate, and at later stages of development in Rathke's pouch, the primordium of the pituitary. We have defined the regulatory elements necessary for proper spatial and temporal expression during development in transgenic mice using lacZ reporter genes. Proper spatial and temporal expression in the anterior endoderm prechordal plate and anterior neural plate can be recapitulated with as little as 568 bp of upstream sequence and intragenic sequence containing the first exon and intron. Late-stage expression in Rathke's pouch requires additional ***negative*** and ***positive*** regulatory elements. Interestingly, deletion analysis uncovered an element that directs transgene expression to a region of the hypothalamus that lies in direct contact with Rathke's pouch. ***In*** ***vitro*** tissue ***recombination*** experiments have established that this expression is induced by contact with the pouch. We propose that this element may be present in other genes that normally respond to signals emanating from the pouch during

-more-

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Display 4/9/1 (Item 1 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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the development of the hypothalamic-pituitary axis. The *Rpx-lacZ* transgenic mice provide a novel model system for the molecular dissection of inductive cell signaling during pituitary development.

DESCRIPTORS:

MAJOR CONCEPTS: Development; Endocrine System--Chemical Coordination and Homeostasis; Molecular Genetics--Biochemistry and Molecular Biophysics; Nervous System--Neural Coordination

BIOSYSTEMATIC NAMES: Muridae--Rodentia, Mammalia, Vertebrata, Chordata, Animalia

ORGANISMS: mouse (Muridae)--embryo

ORGANISMS: PARTS ETC: Rathke's pouch--embryonic structure; anterior endoderm prechordal plate--embryonic structure; anterior neural plate--embryonic structure; pituitary gland--endocrine system, differentiation; ventral hypothalamus--nervous system, development

COMMON TAXONOMIC TERMS: Animals; Chordates; Mammals; Nonhuman Vertebrates; Nonhuman Mammals; Rodents; Vertebrates

-more-

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Display 4/9/1 (Item 1 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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GENE NAME: mouse *Rpx* gene (Muridae) {mouse *Hesx1* gene}--Rathke's pouch contact activated inducible element, expression, homeobox gene, regulatory region

CONCEPT CODES:

03502 Genetics - General
03506 Genetics - Animal
17002 Endocrine - General
17014 Endocrine - Pituitary
17020 Endocrine - Neuroendocrinology
20504 Nervous system - Physiology and biochemistry
25502 Development and Embryology - General and descriptive

BIOSYSTEMATIC CODES:

86375 Muridae

- end of record -

?

Display 4/9/2 (Item 1 from file: 154)

DIALOG(R)File 154:MEDLINE(R)

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14418234 PMID: 12885556

A novel inducible element, activated by contact with Rathke's pouch, is present in the regulatory region of the Rpx/Hesx1 homeobox gene.

Hermesz Edit; Williams-Simons Lisa; Mahon Kathleen A

Laboratory of Mammalian Genes and Development, NICHD, NIH, Bethesda, MD 20892, USA. hermesz@bio.u-szeged.hu

Developmental biology (United States) Aug 1 2003, 260 (1) p68-78,

ISSN 0012-1606--Print Journal Code: 0372762

Publishing Model Print

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

Subfile: INDEX MEDICUS

Reciprocal inductive interactions are postulated to play a role in the determination and differentiation of the pituitary gland and the ventral

-more-

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Display 4/9/2 (Item 1 from file: 154)

DIALOG(R)File 154:MEDLINE(R)

(c) format only 2007 Dialog. All rts. reserv.

hypothalamus. The homeobox gene Rpx/Hesx1 is expressed during gastrulation in the anterior endoderm, prechordal plate, and the prospective cephalic neural plate, and at later stages of development in Rathke's pouch, the primordium of the pituitary. We have defined the regulatory elements necessary for proper spatial and temporal expression during development in transgenic mice using lacZ reporter genes. Proper spatial and temporal expression in the anterior endoderm prechordal plate and anterior neural plate can be recapitulated with as little as 568 bp of upstream sequence and intragenic sequence containing the first exon and intron. Late-stage expression in Rathke's pouch requires additional negative and

positive regulatory elements. Interestingly, ***deletion*** analysis uncovered an element that directs transgene expression to a region of the hypothalamus that lies in direct contact with Rathke's pouch. ***In*** vitro tissue recombination experiments have established that this expression is induced by contact with the pouch. We propose that this element may be present in other genes that normally respond to signals emanating from the pouch during the development of the

-more-

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Display 4/9/2 (Item 1 from file: 154)

DIALOG(R)File 154:MEDLINE(R)

(c) format only 2007 Dialog. All rts. reserv.

hypothalamic-pituitary axis. The Rpx-lacZ transgenic mice provide a novel model system for the molecular dissection of inductive cell signaling

during pituitary development.

Descriptors: *Genes, Homeobox; *Homeodomain Proteins--genetics--GE;
*Regulatory Sequences, Nucleic Acid--genetics--GE; Animals; Base Sequence;
Embryonic Induction; Gastrula--metabolism--ME; Gene Expression Regulation,
Developmental; Genes, Reporter; Homeodomain Proteins--metabolism--ME;
Hypothalamus--embryology--EM; Hypothalamus--metabolism--ME; Lac Operon;
Mice; Mice, Transgenic; Pituitary Gland--embryology--EM; Pituitary Gland
--metabolism--ME; Sequence Deletion; Transgenes

CAS Registry Number: 0 (Homeodomain Proteins)

Record Date Created: 20030729

Record Date Completed: 20030924

- end of record -

? s s1 and positive (5n) negative

5609 S1

5461414 POSITIVE

4423124 NEGATIVE

693305 POSITIVE(5N)NEGATIVE

S5 57 S1 AND POSITIVE (5N) NEGATIVE

? rd s5

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

S6 22 RD S5 (unique items)

? s s6 not py>1996

Processing

Processed 10 of 40 files ...

Processing

Processed 20 of 40 files ...

>>>One or more prefixes are unsupported

>>> or undefined in one or more files.

Completed processing all files

22 S6

74088091 PY>1996

S7 8 S6 NOT PY>1996

? d s7/3/1-8

Display 7/3/1 (Item 1 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2007 The Thomson Corporation. All rts. reserv.

12891091 BIOSIS NO.: 199598358924

Genetic recombination of pseudorabies virus: Evidence that homologous
recombination between insert sequences is less frequent than between
autologous sequences

AUTHOR: Glazenburg K L; Moormann R J M; Kimman T G; Gielkens A L J; Peeters
B P H (Reprint)

AUTHOR ADDRESS: Inst. Animal Sci. Health, Dep. Virol., P.O. Box 365,
NL-8200 AJ Lelystad, Netherlands**Netherlands

JOURNAL: Archives of Virology 140 (4): p671-685 1995 1995

ISSN: 0304-8608

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

- end of record -

?

Display 7/3/2 (Item 2 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2007 The Thomson Corporation. All rts. reserv.

05985288 BIOSIS NO.: 198070016775

PROFILE OF MULTIPLE LYMPHOCYTE FUNCTIONAL DEFECTS IN ACQUIRED HYPO GAMMA
GLOBULINEMIA DERIVED FROM IN-VITRO CELL RECOMBINATION

ANALYSIS

AUTHOR: ASHMAN R F (Reprint); SAXON A; STEVENS R H
AUTHOR ADDRESS: DEP MICROBIOL IMMUNOL, CENT HEALTH SCI, UNIV CALIF LOS ANG
SCH MED, LOS ANGELES, CALIF 90024, USA**USA
JOURNAL: Journal of Allergy and Clinical Immunology 65 (4): p242-256 1980
ISSN: 0091-6749
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

- end of record -

?

Display 7/3/3 (Item 1 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2007 Dialog. All rts. reserv.

05190375 PMID: 6965681

Profile of multiple lymphocyte functional defects in acquired
hypogammaglobulinemia, derived from in vitro cell
recombination analysis.

Ashman R F; Saxon A; Stevens R H

Journal of allergy and clinical immunology (UNITED STATES) Apr 1980,
65 (4) p242-56, ISSN 0091-6749--Print Journal Code: 1275002

Publishing Model Print

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

- end of record -

?

Display 7/3/4 (Item 1 from file: 156)
DIALOG(R)File 156:ToxFile
(c) format only 2007 Dialog. All rts. reserv.

804337 NLM Doc No: NIOSH/00231947 Sec. Source ID: NIOSH/00231947

Genetic Toxicology of Trichloroethylene (TCE)

Fahrig R; Madle S; Baumann H

Source: Mutation Research, Vol. 340, No. 1, pages 1-36, 126 references,
1995

Pub. Year: 1995

Coden: MUREAV

Languages: UNSPECIFIED

Record type: Completed

- end of record -

?

Display 7/3/5 (Item 1 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2007 Elsevier B.V. All rts. reserv.

05225461 EMBASE No: 1992365695

Inactivation of the murine N-ras gene by gene targeting

Cases S.; Dautry F.

Laboratoire d'Oncologie Moleculaire, CNRS UA 1158, Institut Gustave
Roussy, 94805 Villejuif Cedex France

Oncogene (ONCOGENE) (United Kingdom) 1992, 7/12 (2525-2528)

CODEN: ONCNE ISSN: 0950-9232

DOCUMENT TYPE: Journal; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

- end of record -

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Display 7/3/6 (Item 1 from file: 144)

DIALOG(R)File 144:Pascal
(c) 2007 INIST/CNRS. All rts. reserv.

12097475 PASCAL No.: 95-0326402

Genetic recombination of pseudorabies virus : evidence that homologous recombination between insert sequences is less frequent than between autologous sequences

GLAZENBURG K L; MOORMANN R J M; KIMMAN T G; GIELKENS A L J; PEETERS B P H
Inst. animal sci. health (ID-DLO), dep. virology, 8200 AJ Lelystad, Netherlands

Journal: Archives of virology, 1995, 140 (4) 671-685

Language: English

- end of record -

?

Display 7/3/7 (Item 2 from file: 144)

DIALOG(R)File 144:Pascal
(c) 2007 INIST/CNRS. All rts. reserv.

12033537 PASCAL No.: 95-0226965

Salmonella test positive and negative carcinogens show different effects on intrachromosomal recombination in G SUB 2 cell cycle arrested yeast cells

GALLI A; SCHIESTL R H
Harvard school public, dep. molecular cellular toxicology, Boston MA 02115, USA

Journal: Carcinogenesis : (New York), 1995, 16 (3) 659-663

Language: English

- end of record -

?

Display 7/3/8 (Item 1 from file: 357)

DIALOG(R)File 357:Derwent Biotech Res.
(c) 2007 The Thomson Corp. All rts. reserv.

0377566 DBR Accession No.: 2005-23272

Directed evolution of protein switches and their application to the creation of ligand-binding proteins - for use in transplantation

AUTHOR: GUNTAS G; MANSELL TJ; KIM JR; OSTERMEIER M

CORPORATE AFFILIATE: Johns Hopkins Univ

CORPORATE SOURCE: Ostermeier M, Johns Hopkins Univ, Dept Chem and Biomol Engn, 3400 N Charles St, Baltimore, MD 21218 USA

ISSN: 0027-8424 CODEN: 0027-8424; PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AME; (2005) 102, 32, 11224-11229

LANGUAGE: English

- end of record -

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? d s7/9/6

Display 7/9/6 (Item 1 from file: 144)

DIALOG(R)File 144:Pascal
(c) 2007 INIST/CNRS. All rts. reserv.

12097475 PASCAL No.: 95-0326402

Genetic recombination of pseudorabies virus : evidence that homologous recombination between insert sequences is less frequent than between autologous sequences

GLAZENBURG K L; MOORMANN R J M; KIMMAN T G; GIELKENS A L J; PEETERS B P H
Inst. animal sci. health (ID-DLO), dep. virology, 8200 AJ Lelystad, Netherlands

Journal: Archives of virology, 1995, 140 (4) 671-685

ISSN: 0304-8608 Availability: INIST-6355; 354000050616930040

No. of Refs.: 31 ref.

Document Type: P (Serial) ; A (Analytic)

Country of Publication: Austria

Language: English

We studied in vivo recombination between a thymidine kinase (TK) negative, glycoprotein E (gE) negative, attenuated strain and a virulent strain of pseudorabies virus (PRV) in pigs. To simplify the detection of

-more-

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Display 7/9/6 (Item 1 from file: 144)

DIALOG(R)File 144:Pascal

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recombination we inserted different but overlapping (375 bp) parts of the E1 gene of classical swine fever virus into the gG locus of both virus strains. Recombination between the E1 sequences of these viruses results in reconstitution of the complete E1 coding sequence and expression of the E1 protein. Since E1 is highly immunogenic, we expected to detect in vivo recombination in co-inoculated pigs by the presence of serum antibodies against E1. However, after co-inoculation of pigs with high doses of both virus strains, we were unable to detect antibodies against E1, suggesting that in vivo recombination did not occur or remained below the detection limit. Analysis of individual progeny viruses showed that 13 out of 995 (1.3%) possessed a recombinant TK- ***negative*** gE- ***positive*** phenotype. In contrast, no E1-positive viruses were detected among 5000 analyzed. This result showed that in vivo recombination between the two virus strains did occur, but was much more frequent between the TK and gE loci than between the E1 sequences. Similar results were obtained ***in*** in vitro recombination experiments in which possible growth differences between the various virus strains were

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Display 7/9/6 (Item 1 from file: 144)

DIALOG(R)File 144:Pascal

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excluded. The different recombination frequencies could not be attributed to the difference in distance of the genetic loci since recombination between mutations at a distance of 266 bp in the TK gene occurred as frequent as recombination between the TK and gE genes which are separated by approximately 60 kilobasepairs. These results indicate that some property of the E1 sequence and/or the location of the E1 sequence within the PRV genome affects the frequency of recombination

English Descriptors: Aujeszky virus; Homologous recombination; Gene; Thymidine kinase; Glycoproteins; Virus envelope; In vivo; Swine; Experimental disease

Broad Descriptors: Alphaherpesvirinae; Herpesviridae; Virus; Transferases; Enzyme; Artiodactyla; Ungulata; Mammalia; Vertebrata; Alphaherpesvirinae; Herpesviridae; Virus; Transferases; Enzyme; Artiodactyla; Ungulata; Mammalia; Vertebrata; Alphaherpesvirinae; Herpesviridae; Virus; Transferases; Enzima; Artiodactyla; Ungulata; Mammalia; Vertebrata

-more-

? s s1 and chimeric and engineer? (5n) recombinat? and negative

5609 S1

249213 CHIMERIC

4059091 ENGINEER?

646927 RECOMBINAT?

2225 ENGINEER? (5N) RECOMBINAT?

4423124 NEGATIVE

S8 2 S1 AND CHIMERIC AND ENGINEER? (5N) RECOMBINAT? AND NEGATIVE

? d s8/3/1-2

Display 8/3/1 (Item 1 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2007 The Thomson Corporation. All rts. reserv.

06880467 BIOSIS NO.: 198375064410
BACTERIO PHAGE T-4 AS A GENERALIZED DNA CLONING VEHICLE
AUTHOR: CASNA N J (Reprint); SHUB D A
AUTHOR ADDRESS: DEP BIOL SCI, STATE UNIV NY, ALBANY, NY 12222, USA**USA
JOURNAL: Gene (Amsterdam) 18 (3): p297-308 1982
ISSN: 0378-1119
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

- end of record -

?

Display 8/3/2 (Item 2 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2007 The Thomson Corporation. All rts. reserv.

06325479 BIOSIS NO.: 198172059430
FUSION OF ESCHERICHIA-COLI LACZ TO THE CYTOCHROME C GENE OF
SACCHAROMYCES-CEREVISIAE
AUTHOR: GUARENTE L (Reprint); PTASHNE M
AUTHOR ADDRESS: THE BIOLOGICAL LAB, HARVARD UNIV, CAMBRIDGE, MASSACHUSETTS
02138, USA**USA
JOURNAL: Proceedings of the National Academy of Sciences of the United
States of America 78 (4): p2199-2203 1981
ISSN: 0027-8424
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

- end of record -

? e au=hartley, james

Ref	Items	Index-term
E1	1	AU=HARTLEY, JACK L.
E2	1	AU=HARTLEY, JACQUELYN THOMAS
E3	37	*AU=HARTLEY, JAMES
E4	1	AU=HARTLEY, JAMES BRIAN
E5	1	AU=HARTLEY, JAMES C.
E6	2	AU=HARTLEY, JAMES CHARLES
E7	2	AU=HARTLEY, JAMES D
E8	6	AU=HARTLEY, JAMES D.
E9	1	AU=HARTLEY, JAMES D. P. E.
E10	1	AU=HARTLEY, JAMES EDWARD
E11	5	AU=HARTLEY, JAMES G.
E12	1	AU=HARTLEY, JAMES GARY

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Ref	Items	Index-term
E13	58	AU=HARTLEY, JAMES H.
E14	2	AU=HARTLEY, JAMES H. D.
E15	1	AU=HARTLEY, JAMES H.D.
E16	2	AU=HARTLEY, JAMES J.
E17	1	AU=HARTLEY, JAMES JOSEPH
E18	6	AU=HARTLEY, JAMES L
E19	69	AU=HARTLEY, JAMES L.
E20	1	AU=HARTLEY, JAMES L., JR.
E21	1	AU=HARTLEY, JAMES LEONARD
E22	6	AU=HARTLEY, JAMES N.
E23	2	AU=HARTLEY, JAMES ROBERT
E24	1	AU=HARTLEY, JAMES T.

Enter P or PAGE for more
? e au=hartley jemas 1

Ref	Items	Index-term
E1	7	AU=HARTLEY JEANNE
E2	1	AU=HARTLEY JEFF
E3	0	*AU=HARTLEY JEMAS L
E4	8	AU=HARTLEY JESSE
E5	32	AU=HARTLEY JESSE W
E6	33	AU=HARTLEY JG
E7	17	AU=HARTLEY JH
E8	1	AU=HARTLEY JHD
E9	2	AU=HARTLEY JIM
E10	2	AU=HARTLEY JJ
E11	3	AU=HARTLEY JK
E12	55	AU=HARTLEY JL

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? e au=hartley james 1

Ref	Items	Index-term
E1	1	AU=HARTLEY JAMES A
E2	2	AU=HARTLEY JAMES H
E3	83	*AU=HARTLEY JAMES L
E4	2	AU=HARTLEY JANE
E5	4	AU=HARTLEY JANE E
E6	5	AU=HARTLEY JANE L
E7	6	AU=HARTLEY JANET
E8	1	AU=HARTLEY JANET L
E9	12	AU=HARTLEY JANET M
E10	123	AU=HARTLEY JANET W
E11	1	AU=HARTLEY JAY H
E12	2	AU=HARTLEY JB

Enter P or PAGE for more
? e au=brasch, michael

Ref	Items	Index-term
E1	4	*AU=BRASCH, MICHAEL
E2	14	AU=BRASCH, MICHAEL A
E3	42	AU=BRASCH, MICHAEL A.
E4	3	AU=BRASCH, MICHAEL ARDEN
E5	1	AU=BRASCH, N
E6	1	AU=BRASCH, N.
E7	4	AU=BRASCH, NICOLA
E8	14	AU=BRASCH, NICOLA E
E9	34	AU=BRASCH, NICOLA E.
E10	1	AU=BRASCH, P. H.
E11	1	AU=BRASCH, R
E12	9	AU=BRASCH, R.

Enter P or PAGE for more
? e au=brasch michael

Ref	Items	Index-term
E1	1	AU=BRASCH MARCEL
E2	1	AU=BRASCH ME
E3	4	*AU=BRASCH MICHAEL
E4	46	AU=BRASCH MICHAEL A
E5	2	AU=BRASCH MICHAEL E MOSELEY AND ROBERT C
E6	2	AU=BRASCH MIKE
E7	1	AU=BRASCH MR
E8	4	AU=BRASCH N

E9 14 AU=BRASCH N E
E10 2 AU=BRASCH N.
E11 6 AU=BRASCH N.E.
E12 28 AU=BRASCH NE

Enter P or PAGE for more
? e au=hartley james

Ref	Items	Index-term
E1	149	AU=HARTLEY J.W.
E2	293	AU=HARTLEY JA
E3	32	*AU=HARTLEY JAMES
E4	1	AU=HARTLEY JAMES A
E5	2	AU=HARTLEY JAMES H
E6	83	AU=HARTLEY JAMES L
E7	2	AU=HARTLEY JANE
E8	4	AU=HARTLEY JANE E
E9	5	AU=HARTLEY JANE L
E10	6	AU=HARTLEY JANET
E11	1	AU=HARTLEY JANET L
E12	12	AU=HARTLEY JANET M

Enter P or PAGE for more
? s e6 and recombination
83 AU=HARTLEY JAMES L
630551 RECOMBINATION
S9 28 AU='HARTLEY JAMES L' AND RECOMBINATION
? rd s9

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

S10 8 RD S9 (unique items)
? d s10/3/1-8
Display 10/3/1 (Item 1 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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0019607866 BIOSIS NO.: 200700267607
Methods and compositions for synthesis of nucleic acid molecules using
multiple recognition sites
AUTHOR: Anonymous; Chesnut Jonathan D; Carrino John; Leong Louis; Madden
Knut; Gleeson Martin A G; Fan James; Brasch Michael A; Cheo David;
Hartley James L; Byrd Devon R N; Temple Gary F
AUTHOR ADDRESS: Carlsbad, CA USA**USA
JOURNAL: Official Gazette of the United States Patent and Trademark Office
Patents APR 3 2007 2007
PATENT NUMBER: US 07198924 PATENT DATE GRANTED: April 03, 2007 20070403
PATENT CLASSIFICATION: 435-915 PATENT ASSIGNEE: Invitrogen Corporation
PATENT COUNTRY: USA
ISSN: 0098-1133
DOCUMENT TYPE: Patent
RECORD TYPE: Abstract
LANGUAGE: English

- end of record -

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Display 10/3/2 (Item 2 from file: 5)
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18329663 BIOSIS NO.: 200510024163
Gateway cloning is compatible with protein secretion from Pichia pastoris
AUTHOR: Esposito Dominic; Gillette William K; Miller David A; Taylor Troy E

; Frank Peter H; Hu Renqui; Bekisz Joseph; Hernandez Jessica; Cregg James
M; Zoon Kathryn C; Hartley James L (Reprint)
AUTHOR ADDRESS: SAIC Frederick Inc, Natl Canc Inst, Protein Express Lab,
POB B, Frederick, MD 21702 USA**USA
AUTHOR E-MAIL ADDRESS: hartley@ncifcrf.gov
JOURNAL: Protein Expression and Purification 40 (2): p424-428 APR 05 2005
ISSN: 1046-5928
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

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Display 10/3/3 (Item 3 from file: 5)
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18120977 BIOSIS NO.: 200500028042
Concerted assembly and cloning of multiple DNA segments using in vitro
site-specific recombination: Functional analysis of multi-segment
expression clones
AUTHOR: Cheo David L; Titus Steven A; Byrd Devon R N; Hartley James L
; Temple Gary F; Brasch Michael A (Reprint)
AUTHOR ADDRESS: Atto Biosci Inc, Rockville, MD, 20850, USA**USA
AUTHOR E-MAIL ADDRESS: mbrasch@atto.com
JOURNAL: Genome Research 14 (10B): p2111-2120 October 2004 2004
MEDIUM: print
ISSN: 1088-9051 (ISSN print)
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

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Display 10/3/4 (Item 4 from file: 5)
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17886805 BIOSIS NO.: 200400257562
Recombinational cloning using engineered recombination sites
AUTHOR: Hartley James L (Reprint); Brasch Michael A
JOURNAL: Official Gazette of the United States Patent and Trademark Office
Patents 1281 (2): Apr. 13, 2004 2004
MEDIUM: e-file
PATENT NUMBER: US 6720140 PATENT DATE GRANTED: April 13, 2004 20040413
PATENT CLASSIFICATION: 435-6 PATENT ASSIGNEE: Invitrogen Corporation
PATENT COUNTRY: USA
ISSN: 0098-1133 (ISSN print)
DOCUMENT TYPE: Patent
RECORD TYPE: Abstract
LANGUAGE: English

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16310714 BIOSIS NO.: 200100482553
Recombinational cloning using nucleic acids having recombination
sites
AUTHOR: Hartley James L; Brasch Michael A; Temple Gary F (Reprint);
Fox Donna K
AUTHOR ADDRESS: Washington Grove, MD, USA**USA

JOURNAL: Official Gazette of the United States Patent and Trademark Office
Patents 1249 (3): Aug. 21, 2001 2001
MEDIUM: e-file
PATENT NUMBER: US 6277608 PATENT DATE GRANTED: August 21, 2001 20010821
PATENT CLASSIFICATION: 435-914 PATENT ASSIGNEE: Invitrogen Corporation
PATENT COUNTRY: USA
ISSN: 0098-1133
DOCUMENT TYPE: Patent
RECORD TYPE: Abstract
LANGUAGE: English

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Display 10/3/6 (Item 6 from file: 5)
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15980084 BIOSIS NO.: 200100151923
Open-reading-frame sequence tags (OSTs) support the existence of at least
17,300 genes in C. elegans
AUTHOR: Reboul Jerome; Vaglio Philippe; Tzellas Nia; Thierry-Mieg Nicolas;
Moore Troy; Jackson Cindy; Shin-i Tadasu; Kohara Yuji; Thierry-Mieg
Danielle; Thierry-Mieg Jean; Lee Hongmei; Hitti Joseph; Doucette-Stamm
Lynn; Hartley James L; Temple Gary F; Brasch Michael A; Vandenhoute
Jean; Lamesch Philippe E; Hill David E; Vidal Marc (Reprint)
AUTHOR ADDRESS: Department of Genetics, Dana-Farber Cancer Institute,
Harvard Medical School, Boston, MA, USA**USA
JOURNAL: Nature Genetics 27 (3): p332-336 March, 2001 2001
MEDIUM: print
ISSN: 1061-4036
DOCUMENT TYPE: Letter
RECORD TYPE: Abstract
LANGUAGE: English

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Display 10/3/7 (Item 7 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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15893200 BIOSIS NO.: 200100065039
DNA cloning using in vitro site-specific recombination
AUTHOR: Hartley James L; Temple Gary F; Brasch Michael A (Reprint)
AUTHOR ADDRESS: Life Technologies, Inc., Rockville, MD, 20850, USA**USA
JOURNAL: Genome Research 10 (11): p1788-1795 November, 2000 2000
MEDIUM: print
ISSN: 1088-9051
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

- end of record -

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Display 10/3/8 (Item 1 from file: 154)
DIALOG(R)File 154:MEDLINE(R)
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13765419 PMID: 12034835
Systematic sequencing of cDNA clones using the transposon Tn5.
Shevchenko Yuriy; Bouffard Gerard G; Butterfield Yaron S N; Blakesley
Robert W; Hartley James L; Young Alice C; Marra Marco A; Jones Steven
J M; Touchman Jeffrey W; Green Eric D
NIH Intramural Sequencing Center, National Institutes of Health,
Gaithersburg, MD 20877, USA.

Nucleic acids research (England) Jun 1 2002, 30 (11) p2469-77,
ISSN 1362-4962--Electronic Journal Code: 0411011
Publishing Model Print
Document type: Journal Article
Languages: ENGLISH
Main Citation Owner: NLM
Record type: MEDLINE; Completed

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<u>L3</u>	L2 and promoter\$ near5 marker\$	20	<u>L3</u>
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<u>L1</u>	in near vitro near5 recombination	526	<u>L1</u>

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